

TOP SECRET

FROM: Mission Coordinator

28 JULY 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 28 JULY 1967 at

1145 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6711
2. Date/Time of Launch (H-Hour): 29 10215Z 1115 L.
3. Ground Spare (H+1:00): 29 10315Z 1215 L.

25X1/Bases: Takeoff KADENA Staging —, Landing KADENA.

6. Ground Spare Requirements: SAME AS PRIMARY
EXCEPT SIP INSTEAD OF SYSTEM VI

7. Special Instructions/Comments: MODIFIED BLACK-
SHIELD GANNED MSN # 14

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

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14 COPIES

Current as of 14 July 1967

29 July 67 6711
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1115 L T.O.
1815 L INITIAL
0745 L FINAL

	<u>P.P.</u>	<u>APC</u>	<u>HANGER</u>
<u>I.</u>	MV-	131	1
<u>J.</u>	DS-	129	3

25X1A

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JAC

FULL PRESSURE SUIT TEST LOG

Secondary

SUBJECT # 1054FLIGHT DATE 29 July 67SUIT # - 3DON OUTER GARMENT W/FLOAT GEAR - 3DOFF HELMET # - 4TIME IN SUIT

25X1A

GLOVES # - 6TECHNICIAN BOOTS PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1

Max Pressure

110110110

Differential

1.21.41.2

Leak Rate

1100300500SYSTEM #2

Max Pressure

120120120

Differential

1.41.41.2

Leak Rate

700200550

Unpress Leak Rate

4500600450

Face Heat

18~

Commo and Cord

ok

Pencils

✓

Knife

✓

Controller Number

✓

Packet

✓

Grease Zippers

✓Check Location of CO₂✓

Pressure Tap Screws

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓ 1. Packet in pocket.
- ✓ 2. Stirrups secured.
- ✓ 3. Communication secured and functioning.
- ✓ 4. Face heat on (medium).
- ✓ 5. Oxygen hoses secured in QD.
- ✓ 6. Three harness snaps secured - harness adjusted and surplus stowed.
- ✓ 7. Kit adjusted and surplus stowed.
- ✓ 8. Two (2) bailout hoses secured.
- ✓ 9. Lap belt, shoulder harness, key secured and adjusted.
- ✓ 10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
- ✓ 11. Emergency oxygen lanyard secured and pin removed.
- ✓ 12. Green apple secured.
- ✓ 13. Red knob secured.
- ✓ 14. Manual over ride handle secured.
- ✓ 15. Two (2) rocket jet releases secured.
- ✓ 16. Check face heat.
- ✓ 17. Press-to-test both oxygen systems.
- 18. LOW oxygen pressure - #1 system 70/80 #2 system 75/80.
- 19. HIGH oxygen pressure departing #1 system 9.5 #2 system 9.5.
Readjust lap belt
- 20. Foot rest guards over seat foot rests. 11202
- 21. *Hook Raft Lanyard*
- SUBJECT 1054 AIRCRAFT NUMBER 129.
- TECHNICI [REDACTED] DATE OF FLIGHT 29 JULY 67.
- HIGH oxygen pressure returning #1 system _____ #2 system _____.

25X1A

Grd Spare

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Check power cable linkage.
- ✓ 3. Pack opening elastics secured.
- ✓ 4. First stage jettison arched and pins secured.
- ✓ 5. Two (2) rocket jet units secured.
- ✓ 6. Manual over ride handle secured.
- ✓ 7. Green apple secured.
- ✓ 8. Red knob secured.
- ✓ 9. Bailout hoses adjusted for pressure ball.
- ✓ 10. Bailout hose connectors operating.
- ✓ 11. Harness adjusted for HIGH flight.
- ✓ 12. Automatic egress - indicated and tested.
- ✓ 13. Aneroids 1100' to 7000'.
- ✓ 14. Bailout cylinder pins secured.
- ✓ 15. Bailout cylinder pressure #1 1860 #2 1860
- ✓ 16. Communication cord secured to chute.
- ✓ 17. Visual inspection completed

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 70/75 #2 70/75
- ✓ 8. Flip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

25X1A

SUBJECT 1054 129
 TECHNICAL [REDACTED] 29 56467
 SEAT KIT NUMBER 34 103
 TYPE CUSHION HP5B 71

25X1A

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DATE 29 July 67 ACFT 131 PILOT [REDACTED]
TIME IN FLIGHT 1+15 TIME IN SUIT 2+45 PREBREATHING TIME 1+00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION #51 HPSB3. PARACHUTE SIN4. HELMET P. II 266

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 3A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 37. BOOTS AND SPURS, Q.D. type8. GLOVES - 2

9. OXYGEN SYSTEM

DEPART		RETURN	
TIME	AMT	TIME	AMT

#1 1030 9. 1230 8.75#2 1030 9. 1230 9.

10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

SUBJECT # 1051 FLIGHT DATE 29 July 67
 SUIT # 3 DON _____
 OUTER GARMENT W/FLOAT GEAR 3 DOFF _____
 HELMET # 266 TIME IN SUIT _____
 GLOVES # 2 TECHNICIAN _____
 BOOTS 1 _____

PRESS-TO-TEST

PRE-FLIGHT

SUBJECT TEST

POST-FLIGHT

SYSTEM #1

	PRE-FLIGHT	SUBJECT TEST	POST-FLIGHT
Max Pressure	<u>106</u>	<u>104</u>	<u>106</u>
Differential	<u>1.2</u>	<u>1.2</u>	<u>1.2</u>
Leak Rate	<u>800</u>	<u>600</u>	<u>200</u>

SYSTEM #2

	PRE-FLIGHT	SUBJECT TEST	POST-FLIGHT
Max Pressure	<u>110</u>	<u>120</u>	<u>110</u>
Differential	<u>1.2</u>	<u>1.2</u>	<u>1.2</u>
Leak Rate	<u>1300</u>	<u>600</u>	<u>1200</u>
Unpress Leak Rate	<u>300</u>	<u>500</u>	<u>200</u>

	PRE-FLIGHT	SUBJECT TEST	POST-FLIGHT
Face Heat	<u>180</u>		
Commo and Cord	<u>OK</u>		
Pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>✓</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO ₂	<u>✓</u>		
Pressure Tap Screws	<u>✓</u>		

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓ 1. Packet in pocket.
- ✓ 2. Stirrups secured.
- ✓ 3. Communication secured and functioning.
- ✓ 4. Face heat on (medium).
- ✓ 5. Oxygen hoses secured in QD.
- ✓ 6. Three harness snaps secured - harness adjusted and surplus stowed.
- ✓ 7. Kit adjusted and surplus stowed.
- ✓ 8. Two (2) bailout hoses secured.
- ✓ 9. Lap belt, shoulder harness, key secured and adjusted.
- ✓ 10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
- ✓ 11. Emergency oxygen lanyard secured and pin removed.
- ✓ 12. Green apple secured.
- ✓ 13. Red knob secured.
- ✓ 14. Manual over ride handle secured.
- ✓ 15. Two (2) rocket jet releases secured.
- ✓ 16. Check face heat.
- ✓ 17. Press-to-test both oxygen systems.
- ✓ 18. LOW oxygen pressure - #1 system 80/85 #2 system 85/90.
- ✓ 19. HIGH oxygen pressure departing #1 system 9 #2 system 9.
- ✓ - *Readjust lap belt*
- ✓ 20. Foot rest guards over seat foot rests. 1030
- ✓ 21. *Hook Red Lanyard*
- SUBJECT 1051 AIRCRAFT NUMBER 131
- TECHNICIAN [REDACTED] DATE OF FLIGHT 29 July 67
- HIGH oxygen pressure returning #1 system 8.75 #2 system 9.

1230

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT


PARACHUTE


- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Check power cable linkage.
- ✓ 3. Pack opening elastics secured.
- ✓ 4. First stage garrison mated and pins secured.
- ✓ 5. Two (2) rocket jet units secured.
- ✓ 6. Manual over ride handle secured.
- ✓ 7. Green apple secured.
- ✓ 8. Red knob secured.
- ✓ 9. Bailout hoses adjusted for pressure suit.
- ✓ 10. Bailout hose connectors operating.
- ✓ 11. Harness adjusted for HIGH flight.
- ✓ 12. Automatic openers triggered and reset.
- ✓ 13. Aneroids 1400' to 7500', *See book*
- ✓ 14. Bailout cylinder pins secured.
- ✓ 15. Bailout cylinder pressure #1 1800 1800
- ✓ 16. Communication cord secured to chute.
- ✓ 17. Visual inspection completed.

L/P #1
SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 75/80 75/80
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10.  Cool seat

25X1A
SUBJECT 1051 AIRCRAFT NUMBER 131
25X1A
TECHNICIAN  DATE OF CHECK 29 JULY 67
SEAT KIT NUMBER 51 PARACHUTE NUMBER 106
TYPE CUSHION HP5B 76

*** TOP SECRET ***

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS:

DESIGNATE LIFE SUPPORT TECHNICIANS

M.V. 11/131
D.S. A/C 109

H-23:30: ATTEND COMMANDERS BRIEFING:.....

SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL.....

SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL.....

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
SURVIVAL AND E&E ITEMS:.....

H-22:00 TO H-17:00: PREFLIGHT:

BOTH SUITS (EA PILOT).....

PARACHUTE AND EMERGENCY O2 SYSTEMS.....

SEAT KIT COMPONENTS.....

SUIT ROOM VENT.....

LOX VENT UNIT.....

OXYGEN CYLINDERS.....

TEST EQUIPMENT.....

TRANSPORT VANS.....

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:.....

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:.....

H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
PRIMARY AND SPARE PILOTS AND AIRCRAFT:

P.....

S.....

INSTALL SEAT KIT AND PARACHUTE:.....

H-2:00: RECEIVE PACKET FROM INTELLIGENCE.....

H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....

H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:.....

H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....

H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:.....

*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:.....

*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK.....

H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....

LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....

DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....

POST-FLIGHT EQUIPMENT:.....

*** TOP SECRET ***

Local Time

1115-1145

1145

1315-1345

1315-1345

1515

0815-0935

0915-

0915

0915

0930-0945

0935-0950

0955-1005

1005-1010

1010-1015

1015-1030

1115

M.C.
AK!

25X1A

D.S.

1055-1105
1105-1110
1110-1115
1115-1130
1215